



# TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT AND  
GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR  
PARTS AND SPECIAL TOOLS)

58

AIR CONDITIONER, 25,000 BTU  
ELECTRIC MOTOR DRIVEN,  
120/208V, 3 PHASE, 50/60 HZ,  
4 WIRE, ELLIS WATTS  
MODEL MOAC-336

NSN 4120-01-030-6883

This copy is a reprint which includes current  
pages from Change 1.

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HEADQUARTE  
DEPARTMENTS OF THE A  
AIR FORCE  
WASHINGTON, D.C., 20 June 19

Organizational, Direct Support and  
General Support Maintenance  
Repair Parts and Special Tools Lists  
(Including Depot Maintenance Repair  
Parts and Special Tools)

AIR CONDITIONER, 25,000 BTU  
ELECTRIC MOTOR DRIVEN,  
120/208V, 3 PHASE, 50/60 HZ,  
4 WIRE, ELLIS WATTS  
MODEL MOAC-336  
NSN 4120-01-030-6883

TM 5-4120-343-24P/T0 35E9-179-14, 13 June 1979, is changed as follows

1. Remove and insert pages as indicated below. New or changed text indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

7 and 8  
23 and 24

Insert pages

7 and 8  
23 and 24

2. Retain this sheet in front of manual for reference purposes.

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ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT  
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST  
UDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL T  
FOR  
AIR CONDITIONER, 25,000 BTU,  
(ELLIS AND WATTS MODEL MOAC-336)  
NSN 4120-01-030-6883

Current as of 13 June 1979

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

can help improve this manual. If you find any mistake or if you know of a way to improve the proced  
se let us know. Mail you letter, DA Form 2028 (Recommended Changes to Publications and Blank Form  
Form 2028-2 located in the back of this manual direct to: Commander, U. S. Army Troop Support  
tion Materiel Readiness Command, ATTN: DRSTS-MTPS, 4300 Goodfellow Boulevard, St. Louis, MO 631  
y will be furnished directly to you.

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8, test, measurement, and diagnostic equipment (MDE), and other support equipment required for operation and performance of organizational, direct support, general support and depot maintenance of the Air Conditioner.

## General.

a. **Section II - Repair Parts List.** A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of assembly groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence, the last group in Section II.

b. **Section II - Special Tools List.** (Not applicable)

c. **Section IV - National Stock Number and Part Number Index.** A list, in NIIN (National Item Identification Number) sequence, of all National Stock Numbers appearing in the listings, followed by a list, in alphanumeric sequence, of part numbers appearing in the listings. National Stock Number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. **Explanation of Columns.** The following provides an explanation of columns found in the tabular listings:

a. **Illustration.** This column is divided as follows:

(1) **Figure Number.** Indicates the figure number of the illustration in which the item is shown.

(2) **Item Number.** The number used to identify each item called out in the illustration.

b. **Source, Maintenance, and Recoverability Codes (SMR).**

(1) **Source Code.** Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair, or overhaul end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

purpose because essentially a minimum quantity be available supply systems.

PC Item procured and stocked and otherwise would be coded PA except deteriorative in nature.

PD Support item, excluding support, procured for initial issue fitting and stocked only for subsequent additional initial issues or outlays subject to automatic replenishment.

PE Support equipment procured for initial issue or outfitting for maintenance repair activities.

PF Support equipment which is stocked but which will be cured on demand.

PG Item procured and stocked to sustain support for the life of the equipment. It is applied to an item the equipment which, because of discontinuance or shutdown of facilities, would prove uneconomical to produce at a later time.

KD An item of a depot overhaul/rebuild not purchased separately. Defined as a kit that provides items at the time of overhaul or rebuild.

KF An item of a maintenance kit purchased separately. Maintenance kit defined as a kit that provides a part which can be replaced at organization intermediate levels of maintenance.

KB It

MO

MF Item to be supplied by the direction of the director.

MH Item to be supplied by the head.

MD Item to be manufactured or repaired at the depot maintenance level.

AO Item to be assembled at organization level.

AF Item to be assembled at depot level.

AD Item to be assembled at depot maintenance level.

XA Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

XB Item is not procured or stocked. If not available through salvage, requisition.

XD A support item that is not stocked. When required, item will be procured through normal supply channels.

**NOTE**

*Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA or XD.*

**(2) Maintenance Code.** Maintenance codes are assigned to indicate the levels of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

**(a)** The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance.

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
I	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.
F	Support item is removed, replaced, used at the direct support level.
H	Support item is removed, replaced, used at the general support level.
O	Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

*the same by direct support*

**(b)** The maintenance fourth position indicates whether repaired and identifies the level with the capability to perform (i.e., all authorized maintenance codes:)

Code	Application/
O	The lowest maintenance level authorized to complete repair of the item at the organizational level.
F	The lowest maintenance level authorized to complete repair of the item at the direct support level.
H	The lowest maintenance level authorized to complete repair of the item at the general support level.
D	The lowest maintenance level authorized to complete repair of the item at the depot level.
L	Repair restricted to direct support activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item is reconditioned by ad hoc methods, etc., at the user level. Repair tools are procured for this item.

**(3) Recoverability Code.** Recoverability codes are assigned to support items. The recoverability action on unserviceable items. The recoverability code is entered in the fourth position of the Uniform SMR Code format as follows:

Recoverability Codes	
Z	Nonreparable. The item is unserviceable and is disposed of at the user level.
O	Repairable. The item is unserviceable but can be repaired at the user level.

F	Reparable item. When uneconomically repairable, condemn and dispose at the direct support level.
H	Reparable item. When uneconomically repairable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

*c. National Stock Number.* Indicates the National Stock Number assigned to the item and will be used for requisitioning purposes.

*d. Part Number.* Indicates the primary number used by the manufacturer which controls the design and characteristics of the items.

#### **NOTE**

*When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.*

*e. Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

*f. Description.* Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits and sets are listed below the name of the kit or set with the name of each item in the kit or set.

When density of equipments supports indicated in the basis of authorization is increased according to

*g. Unit of Measure (U/M).* Standard of the basic quantity of the item in performing the actual maintenance. This measure is expressed by a two-lettered abbreviation (e.g., ea, in, pc). The unit of measure differs from the lowest unit of issue that will satisfy. Units of measure will be requisitioned.

*h. Quantity Incorporated in Illustration.* the quantity of the item used in the illustration figure, which is functional group, subfunctional group, etc. A "V" appearing in this column quantity indicates that no specific quantity is applicable, (e.g. shims, spacers, etc.).

#### **4. Special Information.**

*a. Repair parts kits and gaskets.* the last entries in the repair parts figure in which its parts are listed are listed at the end of the repair parts figure containing parts of

*b. The following publications* conditioner and its components.

TM 5-5420-200-2

Operator  
Direct Sup  
Support  
Manual

#### **5. How to Locate Repair Part**

*a. When National Stock Number is Unknown.*

*(1) First.* Using the table determine the assembly group within which the part belongs. This is necessary as parts are prepared for assembly groups and divided into the same groups.

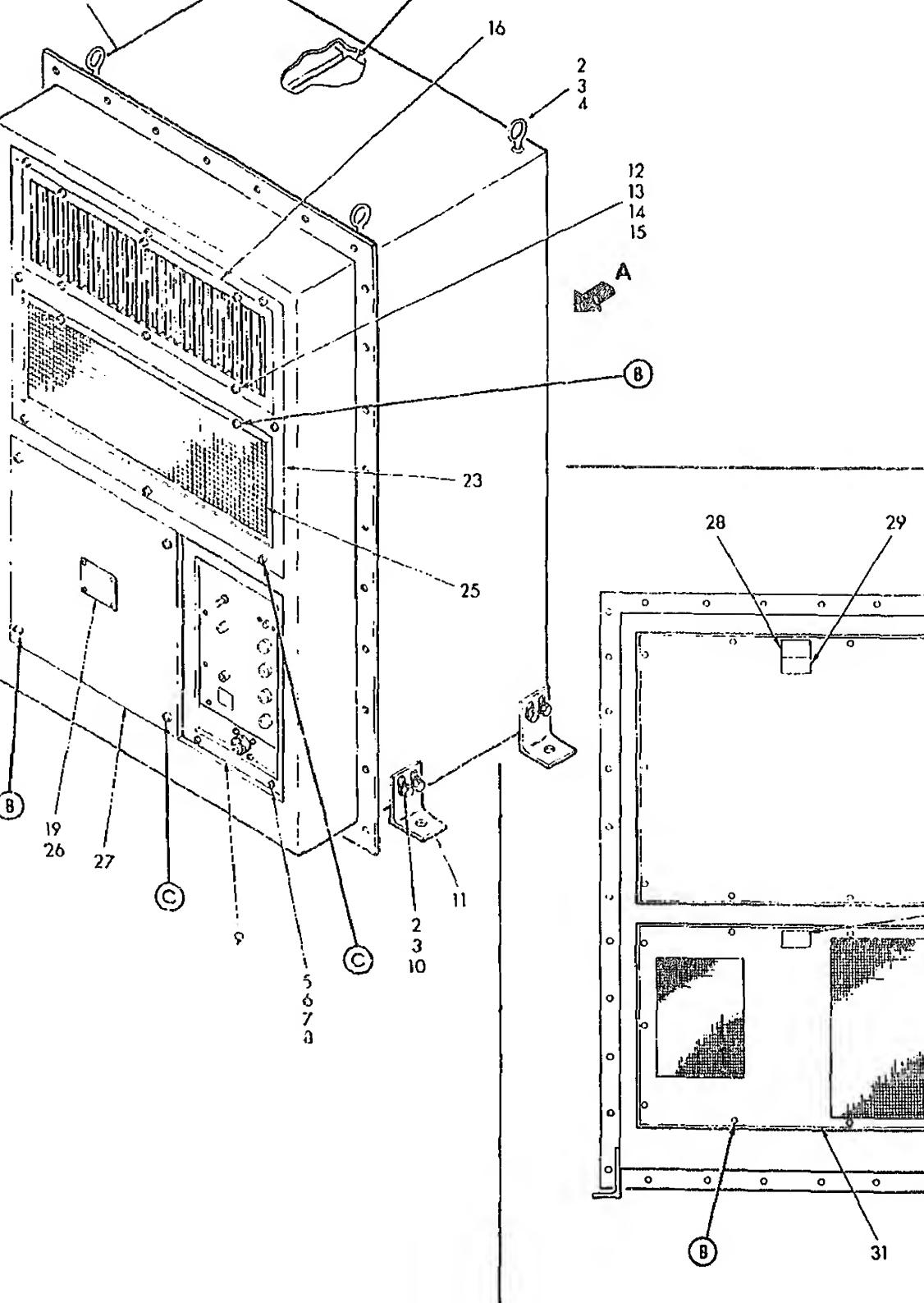
*(2) Second.* Find the illustration of the assembly group to which the repair part belongs.

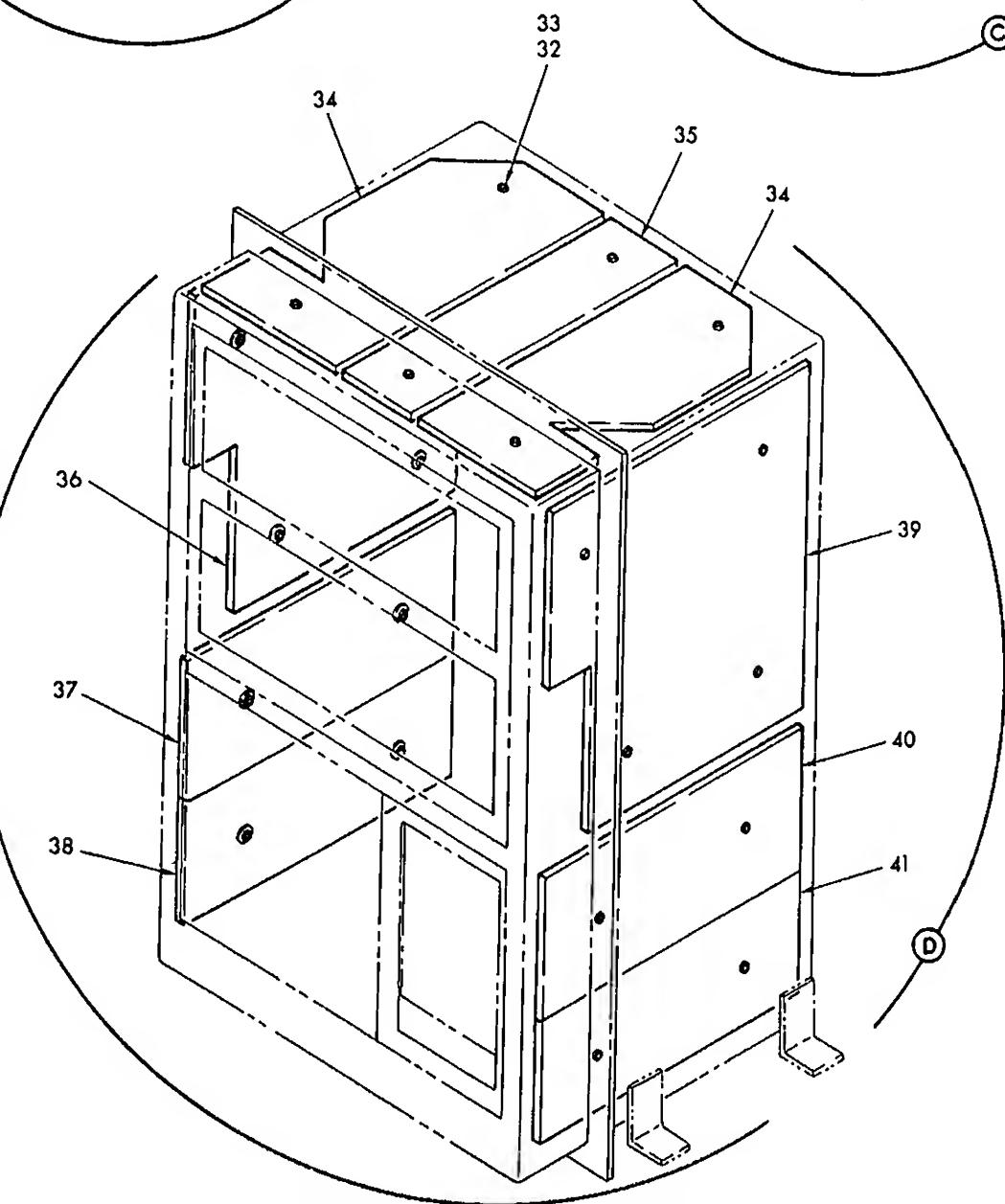
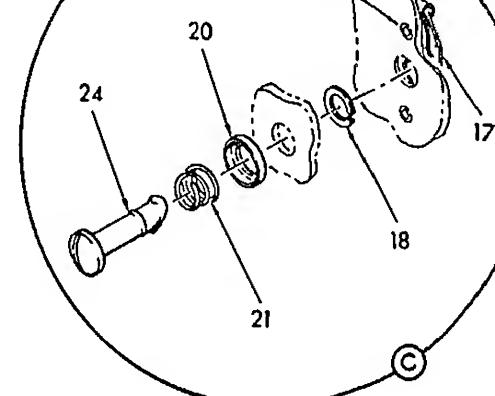
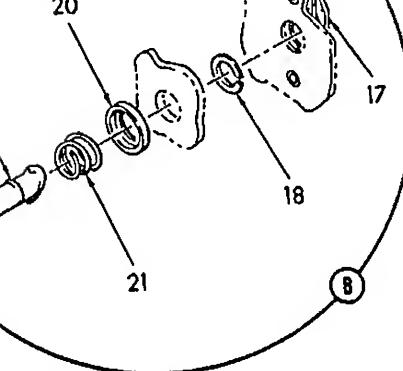
*(3) Third.* Identify the repair part illustration and note the illustration number.

and item number.

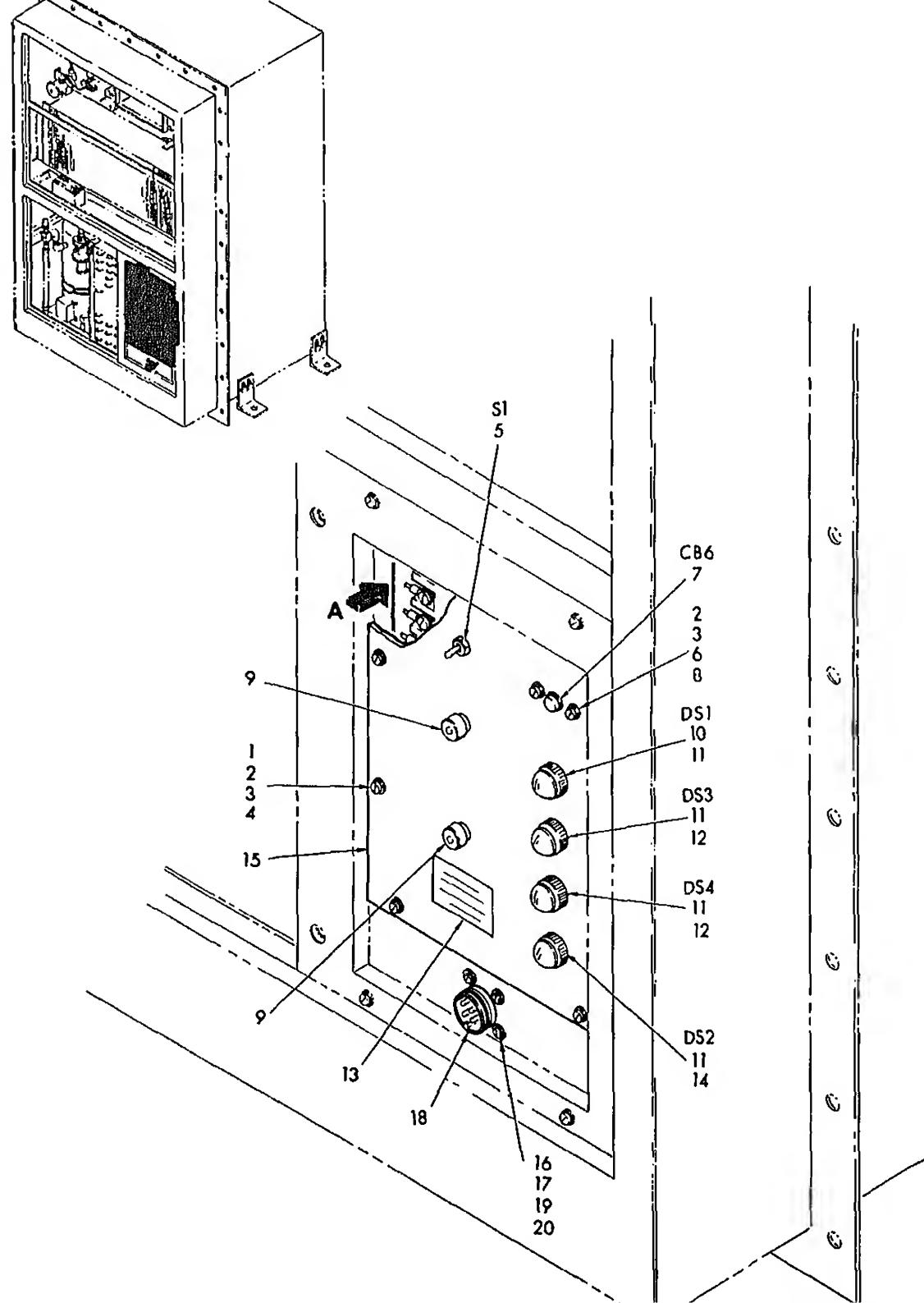
(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

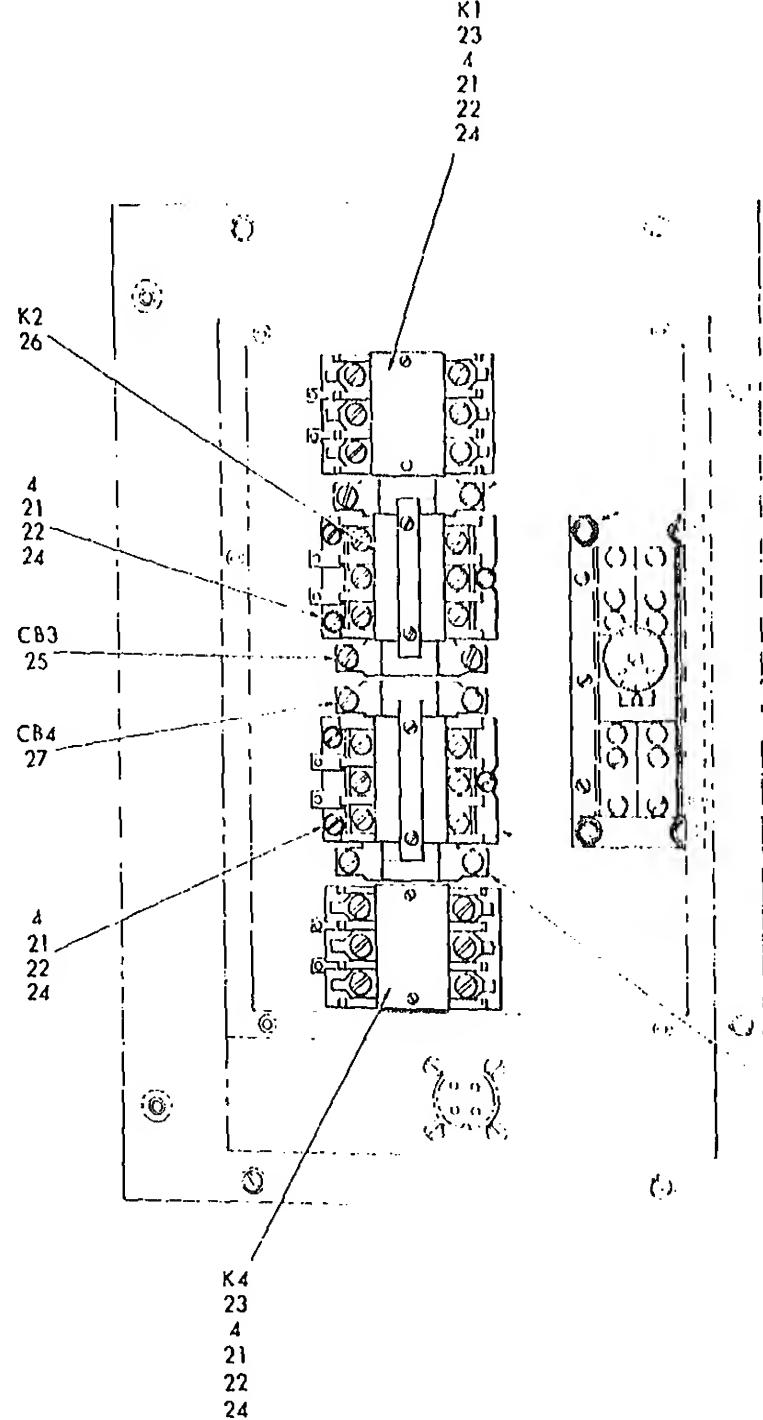
1	1	XBFZZ	20V2-1	70437	CHASSIS,AIR.....
1	2	PAUZZ	5310-00-584-3800	70430	NUT,SELF-LOCKING.....
1	3	PAUZZ	5310-00-007-7493	70431	WASHER,FLAT.....
1	4	XBUZZ	DANIELSB21L	71241	BOLT,EYE.....
1	5	PAUZZ	5310-00-141-3002	70430	NUT,PLAIN,BLIND.....
1	6	PAUZZ	5310-00-550-5054	70430	WASHER,FLAT.....
1	7	PAUZZ	5310-00-433-8121	70430	WASHER,LOCK.....
1	8	PAUZZ	5305-00-247-1321	70430	SCREW,MACHINE.....
1	9	XBUZZ	20V2-2PL	70437	CABINET,ELECTRICAL.....
1	10	PAUZZ	5305-00-225-9001	70430	SCREW,MACHINE.....
1	11	XBFZZ	20V2-2PL	70437	BRACKET,ANGLE.....
1	12	PAUZZ	5310-01-039-9709	70430	NUT,PLAIN,BLIND.....
1	13	PAUZZ	5310-00-045-3206	70430	WASHER,LOCK.....
1	14	PAUZZ	5310-00-809-8540	70430	WASHER,FLAT.....
1	15	PAUZZ	5305-00-993-1840	70430	SCREW,MACHINE.....
1	16	XBUZZ	20V2-1074	70437	GRILLE,METAL.....
1	17	PAUZZ	5325-00-282-7471	70430	RECEPTACLE,TURNLOCK.....
1	18	PAUZZ	5305-00-838-0422	70430	RETAINER,STUD.....
1	19	PAUZZ	5320-00-582-3522	19730	RIVET,BLIND.....
1	20	PAUZZ	5310-00-777-6032	70430	WASHER,RECESSED.....
1	21	PAUZZ	5325-00-410-3130	70430	SPRING,HELICAL.....
1	22	PAUZZ	5325-01-021-1121	70430	STUD,TURNLOCK.....
1	23	XBUZZ	20V1-1P1	70437	COVER,ACCESS.....
1	24	PAUZZ	5325-01-021-1528	70430	STUD,TURNLOCK.....
1	25	PAUZZ	4130-01-072-0271	70437	FILTER ELEMENT,AIR.....
1	26	XBUZZ	SS720-23V	70437	PLATE.....
1	27	XBUZZ	20V1-1P2	70437	COVER,ACCESS.....
1	28	XBUZZ	20V2-108	70437	PLATE,INSTRUCTION.....
1	29	XBUZZ	20V2-109	70437	PLATE,INSTRUCTION.....
1	30	XBUZZ	20V1-1P4	70437	COVER,ACCESS.....
1	31	XBUZZ	20V1-1P3	70437	COVER,ACCESS.....
1	32	PAUZZ	5320-00-426-4910	19730	RIVET,BLIND.....
1	33	XBUZZ	SS196	70437	INSULATOR,WASHER.....
1	34	XBUZZ	20V5-6-2P5	70437	INSULATION BOARD.....
1	35	XBUZZ	20V5-6-2P6	70437	INSULATION BOARD.....
1	36	XBUZZ	20V5-6-2P4	70437	INSULATION BOARD.....
1	37	XBUZZ	20V5-6-2P1	70437	INSULATION BOARD.....
1	38	XBUZZ	20V5-6-2P2	70437	INSULATION BOARD.....
1	39	XBUZZ	20V5-6-2P3	70437	INSULATION BOARD.....
1	40	XBUZZ	20V5-6-2P7	70437	INSULATION BOARD.....
1	41	XBUZZ	20V5-6-2P8	70437	INSULATION BOARD.....



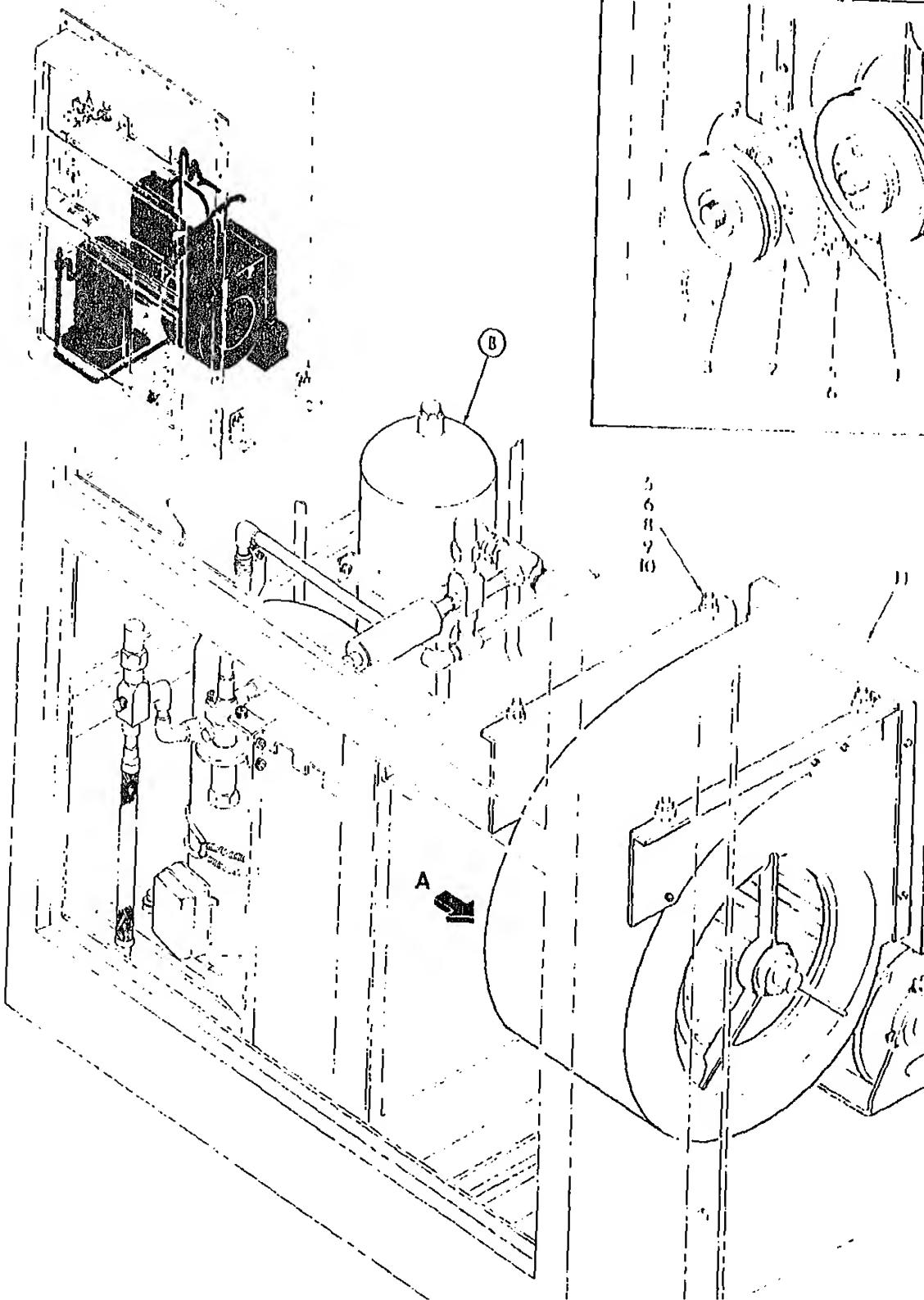


ITEM NO	ITEM NO	SVR CODE	STOCK NUMBER	PART NUMBER	FSCM	U
						GROUP 02 CONTROL AND INDICATOR SECTION
2	1	PA0ZZ	5305-00-059-3660	MS51958-64	96906	SCREW, MACHINE .....
2	2	PA0ZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK .....
2	3	PA0ZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT .....
2	4	PA0ZZ	5310-01-009-9765	MS27130-20	96906	NUT, PLAIN, BLIND .....
2	5	PA0ZZ	5930-00-615-9367	MS35059-21	96906	SWITCH, TOGGLE ATTACHING HARDWARE SUPPLIED SWITCH .....
2	6	PA0ZZ	5310-00-934-9765	MS35650-304	96906	NUT, PLAIN, HEXAGON .....
2	7	PA0ZZ	5925-00-077-8972	PDM5	73803	CIRCUIT BREAKER .....
2	8	PA0ZZ	5305-00-059-3562	MS51958-66	96906	SCREW, MACHINE .....
2	9	PB0ZZ	6110-00-994-8356	42555-300	04009	BUTTON, RESET ATTACHING HARDWARE SUPPLIED RESET BUTTON .....
2	10	PA0ZZ	6210-00-683-0133	51901-135	72619	LIGHT, INDICATOR ATTACHING HARDWARE SUPPLIED INDICATOR LIGHT .....
2	11	PA0ZZ	6240-00-143-3049	6S6	92966	LAMP, INCANDESCENT .....
2	12	PA0ZZ	6210-00-504-1093	51-0901-0112-201	72619	LIGHT INDICATOR ATTACHING HARDWARE SUPPLIED INDICATOR LIGHT .....
2	13	XB0ZZ		20V2-108	98437	PLATE, INSTRUCTION .....
2	14	PA0ZZ	6210-00-299-5106	51-0901-0111-301	72619	LIGHT, INDICATOR ATTACHING HARDWARE SUPPLIED INDICATOR LIGHT .....
2	15	XB0ZZ		20V4-1-1	98437	PLATE, MOUNTING .....
2	16	PA0ZZ	5310-00-934-9761	MS35649-64	96906	NUT, PLAIN, HEXAGON .....
2	17	PA0ZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK .....
2	18	PA0ZZ	5935-00-725-0889	MS3102E24-22P	96906	CONNECTOR .....
2	19	PA0ZZ	5305-00-068-6534	MS35233-31	96906	SCREW, MACHINE .....
2	20	PA0ZZ	5310-00-880-5976	MS15795-806	96906	WASHER, FLAT .....
2	21	PA0ZZ	5305-00-989-7435	MS35207-264	96906	SCREW, MACHINE .....
2	22	PA0ZZ	5310-00-609-8546	MS27183-8	96906	WASHER, FLAT .....
2	23	PA0ZZ	5945-00-008-4333	ACC330UM20	04009	RELAY, ARMATURE .....
2	24	PA0ZZ	5310-00-045-3296	MS35338-43	96906	WASHER, LOCK .....
2	25	PA0ZZ	5999-00-476-1037	42410	04009	HEATER, THERMAL .....
2	26	PA0ZZ	6110-01-006-6035	ACS3302U20	04009	STARTER, MOTOR .....
2	27	PA0ZZ	5999-00-383-2139	42008	04009	HEATER, THERMAL .....
2	28	PA0ZZ	5305-00-984-6196	MS35206-248	96906	SCREW, MACHINE .....
2	29	PA0ZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK .....
2	30	PA0ZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT .....
2	31	PAFZZ	5930-00-766-3535	A36AHB3	92578	THERMOSTAT, FLOW .....
2	32	PA0ZZ		MS27130A14	96906	NUT, PLAIN, PLAIN .....





3	3	P80ZZ	1VP44-5-8	7447	
3	4	XBDZZ	20V2-108	9843	
3	5	PAOZZ	5310-00-964-3806	MS51922-9	9893
3	6	PAUZZ	5310-00-087-7493	MS27183-13	9890
3	7	PAOZZ	6105-00-377-8115	RH3154	0547
3	8	PAOZZ	5310-00-009-4661	MS27183-15	9090
3	9	PAOZZ	5340-00-070-2064	AR151	35497
3	10	PAUZZ	5306-00-225-B5C1	MS90725-37	96940
3	11	PAOZZ		20V2-101M1	98437
3	12	XBFZZ		F3U	42336
3	13	XBFZZ	4730-00-821-3637	W2321	41947
3	14	XBFZZ	4730-00-821-9184	W40350	41947
3	15	XBFZZ	4730-00-839-6380	W2326	41947
3	16	PAFZZ	4730-00-822-1277	W1715	41947
3	17	XBFZZ	4730-00-254-6450	W2022	41947
3	18	PAFZZ	4730-00-251-1377	W1720	41947
3	19	XBFZZ	4730-00-345-1106	W4001	41947
3	20	XBFZZ		W2817	41947
3	21	XdFZZ	4730-00-027-0773	W2334	41947



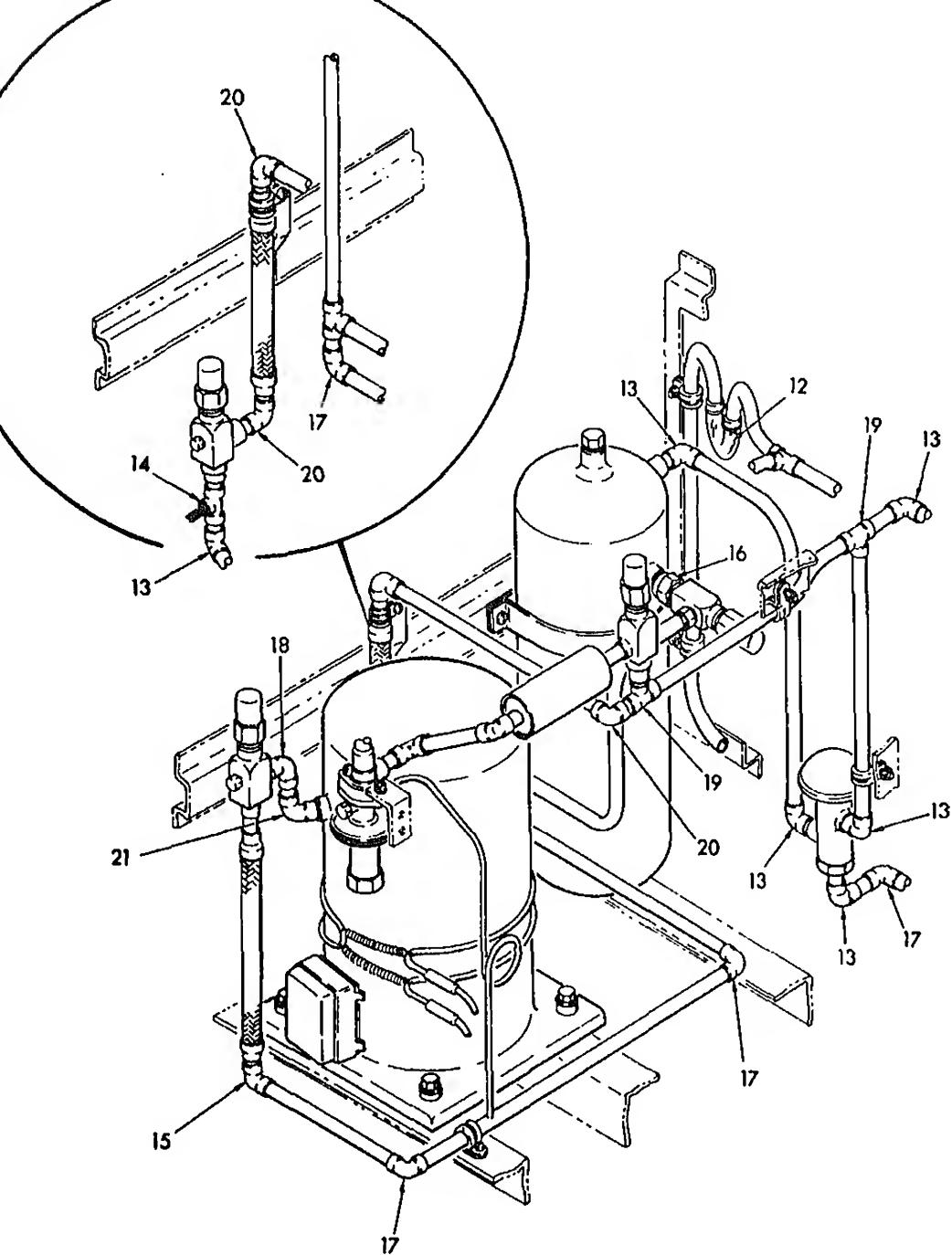
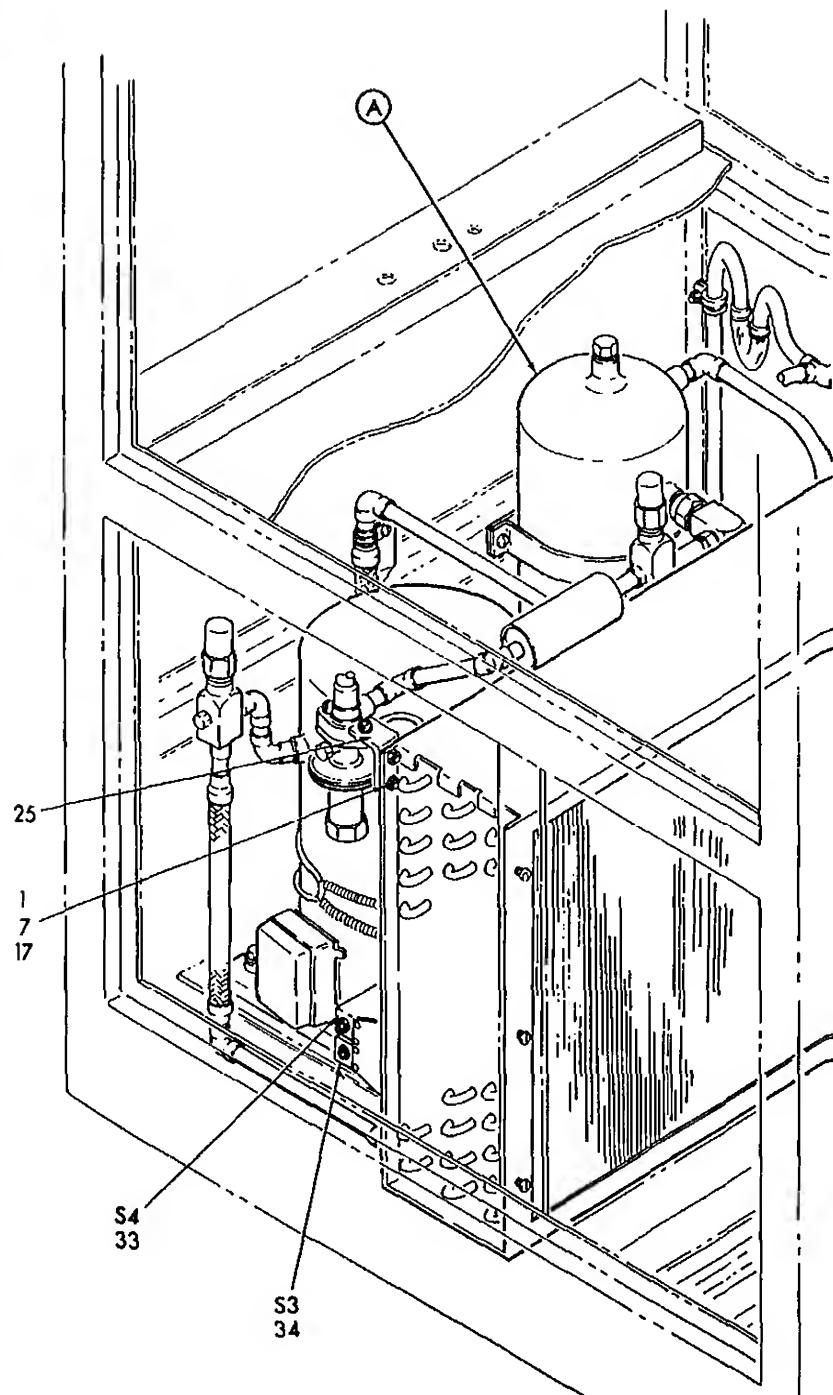
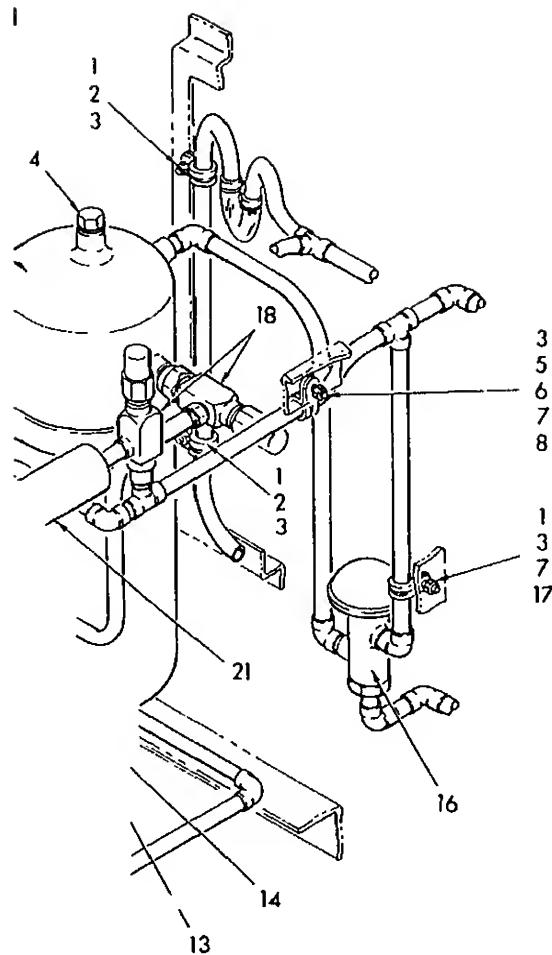


FIG 3. CONDENSER FAN AND MOTOR SECTION (SHEET 2 OF 2)

4	3	PAU2Z	5340-00-009-0506	MS21105-7	9090D	CLAMP,LCJP.....
4	4	PAF2Z	5340-00-505-4C02	A14021	41947	PLUG,FUSIBLE.....
4	5	PAO2Z	5310-01-009-9785	MS27133-20	9090D	NUT,PLAIN,BLIND.....
4	6	PAO2Z	5305-00-993-1848	4S35207-265	190100	SCREW,MACHINE.....
4	7	PAO2Z	5310-00-809-8546	MS27183-8	70730	WASHER,FLAT.....
4	8	PAU2Z	5310-00-045-3296	MS35338-43	70730	WASHER,FLAT.....
4	9	PAJ2Z	5305-00-068-0501	MS90725-5	70730	SCREW,MACHINE.....
4	10	PAO2Z	5310-00-542-5566	4S35338-44	70730	WASHER,LOCK.....
4	11	PAO2Z	5310-00-809-4C02	MS27183-10	7090D	WASHER,FLAT.....
4	12	ABF2Z		20V2-2P7	70437	BRACKET,RECEIVER.....
4	13	PAO2Z	5310-00-959-1488	MS91922-21	7090D	NUT,PLAIN.....
4	14	PAO2Z	5310-00-809-4C01	MS27193-15	7090D	WASHER,FLAT.....
4	15	PBF2Z		L618	07731	RECEIVER,LIQUD.....
4	16	PAO2Z	4820-01-065-2030	HP9548	73255	VALVE,REGULATING.....
4	17	PAO2Z	5305-00-989-7435	MS35207-264	7090D	SCREW,MACHINE.....
4	18	PBF2Z	4820-00-869-3261	AC3-10	70437	VALVE,CROSS.....
4	19	ABF2Z		20V583	70437	BRACKET,DOUBLE.....
4	20	PAJ2Z	5310-00-141-3C62	MS27130A26	7090D	NUT,PLAIN,BLIND.....
4	21	PBF2Z		NS0224	70402	STRAINER,SEDIMENT.....
4	22	WAJ2Z	5340-00-497-9880	AN742-12E	00044	CLAMP,LDOP.....
4	23	PAF2Z	4720-00-059-3701	VAF4	7704V	HOSE ASSEMBLY,METAL.....
4	24	PAF2Z	4920-00-550-8E54	CP9135H	70255	VALVE,REGULATING.....
4	25	XOF2Z		20V524	70437	BRACKET,ANGLE.....
4	26	PAF2Z	4720-00-039-7279	92-4-3C	90437	HOSE ASSEMBLY,METAL.....
4	27	PAF2Z	4520-00-537-5565	018-0013-00	84205	HEATER,CRANKCASE.....
4	28	PAG2Z	5306-00-225-8505	MS90725-61	9090D	SCREW,MACHINE.....
4	29	PAU2Z	5310-00-167-0767	1K973-5	00044	WASHER,LOCK.....
4	30	PAJ2Z	5310-00-067-7493	MS27183-13	7090D	WASHER,FLAT.....
4	31	PAF2Z	4130-01-068-5302	1423-1M1	70437	COMPRESSOR.....
4	32	PAO2Z	5310-00-984-3E06	MS51922-9	7090D	NUT,SELF-LOCKING.....
4	33	PAF2Z	5530-00-064-3207	AP20-4016	00020	SWITCH,PRESSURE.....
4	34	PAF2Z	5930-00-063-7779	AP21-4013	00020	SWITCH,PRESSURE.....
4	35	PAF2Z	4130-01-072-9321	20V3-2	7090D	COIL,CONDENSER.....

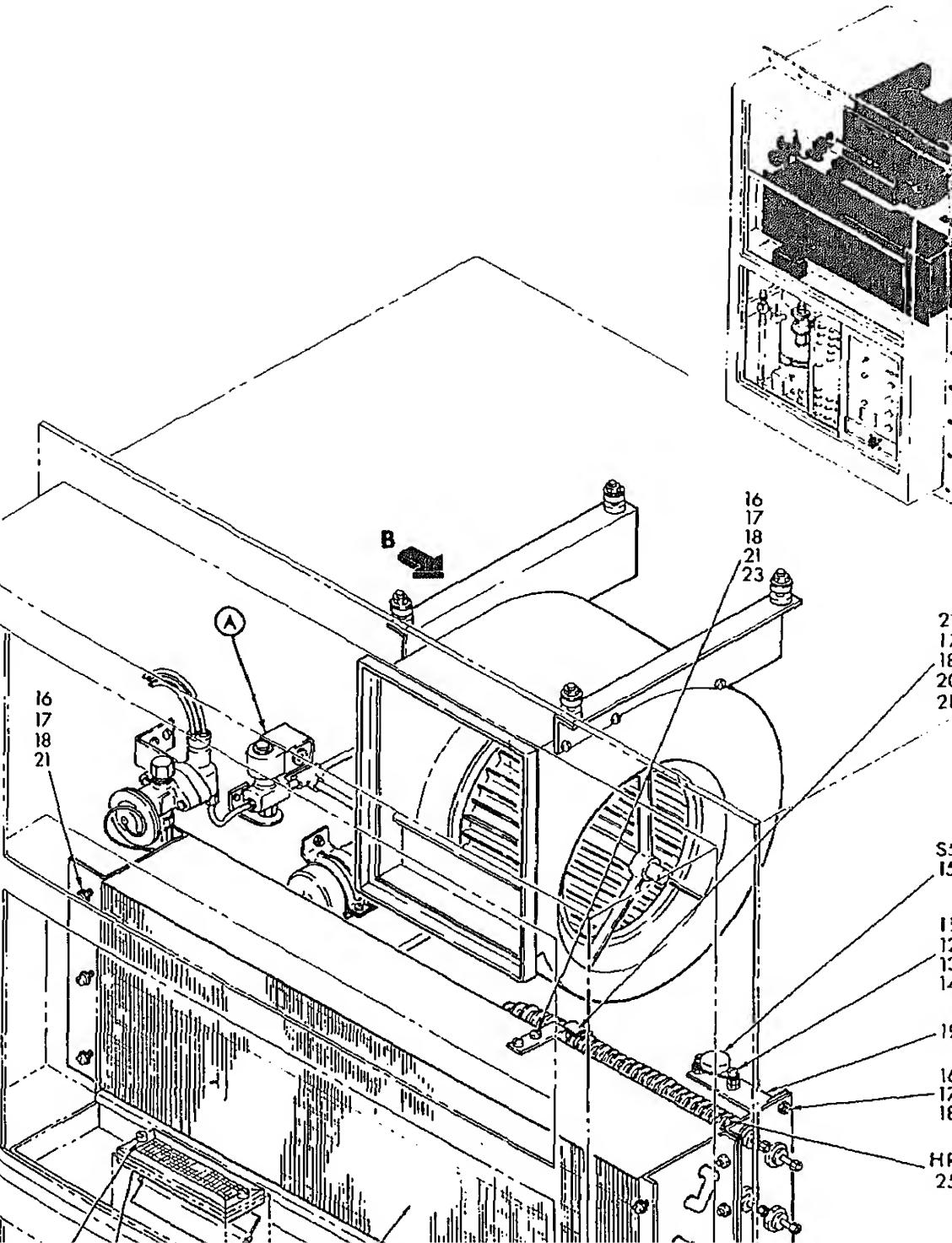


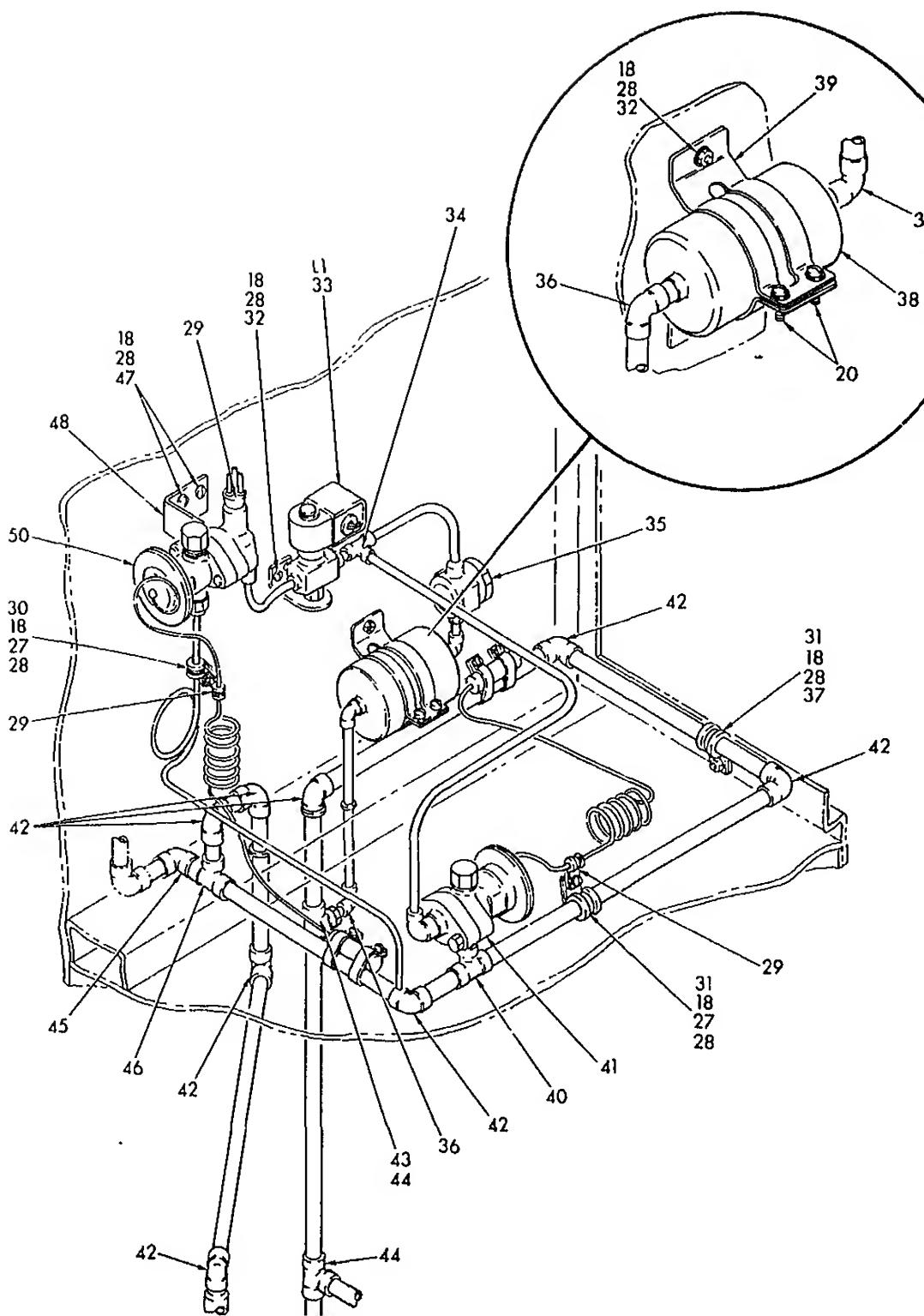


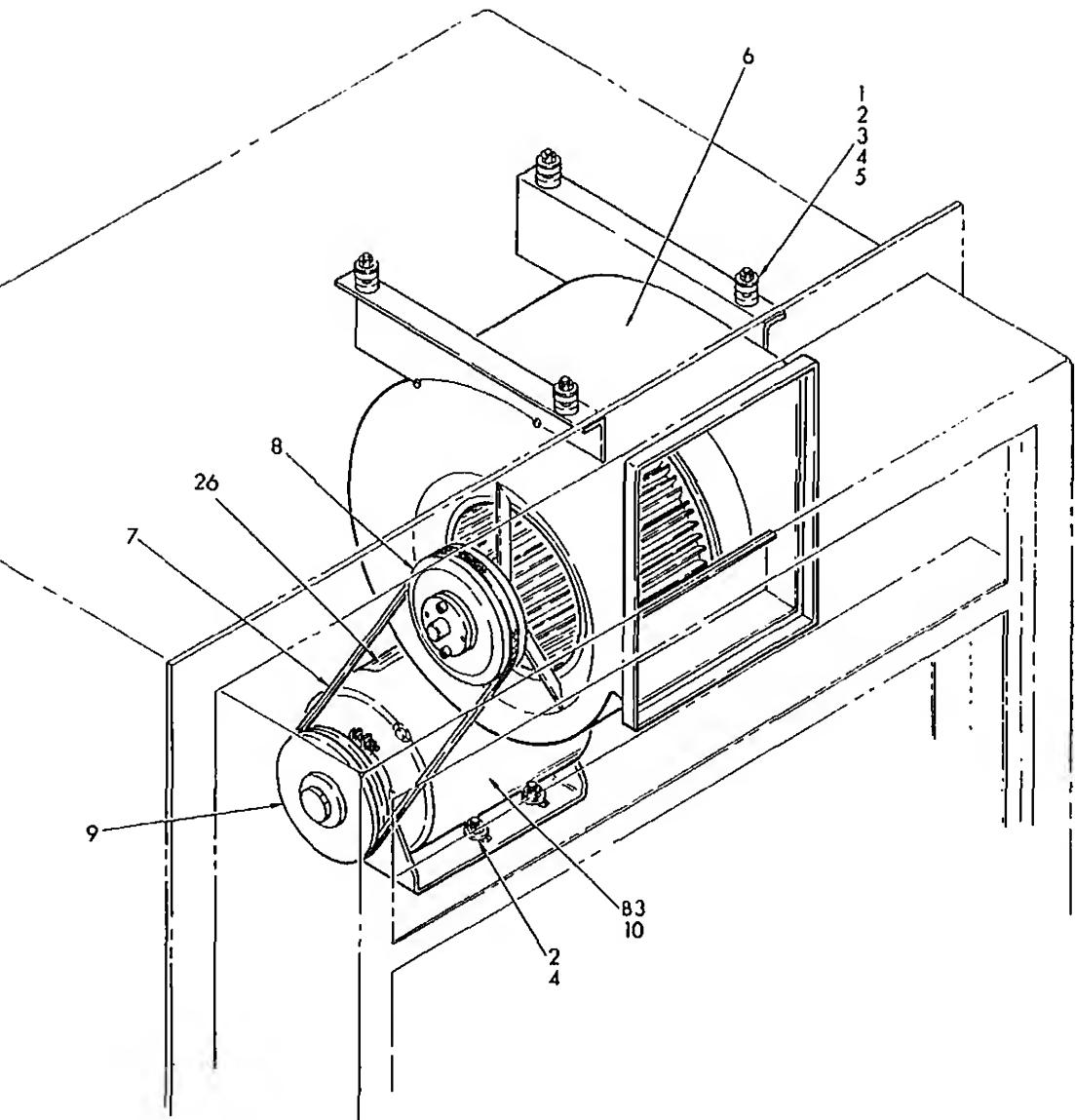
(A)

5	3	PA02Z	5310-00-809-4C61	HS27183-15	Y0YJ6	WASHER,FLAT.....
5	4	PA02Z	5310-00-087-7493	HS27183-13	Y0YJ6	WASHER,FLAT.....
5	5	PA02Z	5340-00-C70-2064	AR151	351Y7	HJUNT,RESILIENT.....
5	6	PA02Z		6F-2-3M1	484J7	FAN,CENTRIFUGAL.....
5	7	PA02Z	3030-00-580-9527	AP42	71176	BELT,POWER.....
5	8	PA02Z		AK64H	71176	PULLEY,GRCOVE.....
5	9	PA02Z		1VP44-5-8	71176	PULLEY,GRCOVE.....
5	10	PA02Z		RH3108	U54Z4	MOTUR,ALTERNAT(ING).....
5	11	PA02Z	5305-00-543-4346	HS35234-30	Y0YJ6	SCREW,MACHINE.....
5	12	PA02Z	5310-00-934-9755	HS35650-362	Y0YJ6	NUT,PLAIN,HEXAGON'1.....
5	13	PA02Z	5310-00-045-4CC7	HS35338-41	Y0YJ6	WASHER,LOCK.....
5	14	PA02Z	5310-00-782-1349	HS15795-004	Y0YJ6	WASHER,FLAT.....
5	15	PAFZ	5930-00-842-3378	GY5-3	Y84J7	SWITCH,TERMOSTATIC.....
5	16	PA02Z	5305-00-993-1848	HS35207-265	Y0YJ6	SCREW,MACHINE.....
5	17	PA02Z	5310-01-009-9785	HS27130-20	Y0YJ6	NUT,PLAIN,BLIND.....
5	18	PA02Z	5310-00-809-0566	HS27L03-8	Y0YJ6	WASHER,FLAT.....
5	19	XBFZ2		20V5311	Y84J7	BRACKET,SWITCH.....
5	20	PA02Z	5305-00-989-7435	HS35207-264	Y0YJ6	SCREW,MACHINE.....
5	21	PA02Z	5310-00-045-3296	HS35338-43	Y64J6	WASHER,LOCK.....
5	22	PA02Z		HW2-10-3	Y84J7	CLAMP,LOOP.....
5	23	XBFZ2		20V2-2P6	Y84J7	BRACKET,ANGLE.....
5	24	XBFZ2		20V2-2P5	Y84J7	BRACKET,ANGLE.....
5	25	PA02Z	4540-01-065-6359	26BA5F263H	Y64J6	HEATER,SPACE.....
5	26	XBFZ2		20V2-108	Y0YJ6	PLATE,INSTRUCTION.....
5	27	PA02Z		HS35224-63	Y0YJ6	SCREW,MACHINE.....
5	28	PA02Z	5310-00-077-5757	HS21046N3	Y0YJ6	NUT,PLAIN,BLIND.....
5	29	PA02Z	5340-00-559-6128	AN742-4C	080Y9	CLAMP,LOOP.....
5	30	PA02Z	5340-00-104-7581	HS21104C4	909J6	CLAMP,LOOP.....
5	31	PA02Z	5340-00-497-9880	AN742-12C	080Y9	CLAMP,LOOP.....
5	32	PA02Z	5305-00-993-1E51	HS35207-267	Y0YJ6	SCREW,MACHINE.....
5	33	PAFZ2	4810-00-881-3005	200R4S37	70255	VALVE,SOLENOID.....
5	34	XBFZ2	4730-00-263-646C	W400J	41Y47	TEE,TUBE.....
5	35	PAFZ2		AM1SS3	70255	INDICATOR,LIQUID.....
5	36	XBFZ2	4730-00-277-7922	W2312	41Y47	ELBOW,TUBE.....
5	37	PA02Z	5305-00-984-7341	HS39191-273	909J6	SCREW,MACHINE.....
5	38	PAFZ2	4130-00-871-5633	ADK163S	70255	DEHYDRATOR.....
5	39	XBFZ2		SS107	Y84J7	BRACKET,CLAMP.....

VID NO	ITEM NO	ITEM NAME	ITEM CODE	ITEM NUMBER	NUMBER	ITEM CODE
5	40	XBFZZ	4730-00-263-6471	W4007	41947	TEE,TUBE.....
5	41	PAFZZ		LCL2A	70255	VALVE,EXPANSION.....
5	42	XBFZZ	4730-C0-254-6450	W2C22	41947	ELBOW,TUBE.....
5	43	PAFZZ	4730-C0-809-9669	W1717	61997	BUSHING,SLEEVE.....
5	44	XBFZZ	4730-C0-989-1503	W4043	41947	TEE,TJBE.....
5	45	XBFZZ	4730-00-839-6380	W2326	41947	ELBOW,TUBE.....
5	46	XBFZZ	4730-00-263-6472	W4006	41947	TEE,TUBE.....
5	47	PAOZZ	5305-C0-989-6265	HS35207-262	90930	SCREW,MACHINE.....
5	48	XBFZZ		20V2-110	98437	BRACKET.....
5	49	XBFZZ		1620-3-3-16-2	78462	DISTRIBUTOR.....
5	50	PAFZZ		TCLE2004-10J	70255	VALVE,EXPANSION.....
5	51	XBFZZ		20V2-2P9	98437	OAKPENER,FLUID.....
5	52	PAFZZ		2UV3-7	98437	COIL,EVAPORATOR.....
5	53	PAOZZ	5340-00-009-J506	HS21105-7	90930	CLAMP,LOOP.....
5	54	PAOZZ	5305-00-995-3441	HS35207-269	90930	SCREW,MACHINE.....
5	55	PAOZZ	4130-01-072-8272	2GV2-1U6	98437	FILTER ELEMENT,AIR.....
GROUP 06 BULK MATERIALS LIST						
		PAFZZ	5999-00-937-5E24	261U6	07730	SHIELDING GASKET.....
		PAFZZ	6145-C0-578-7514	H5086-2-12-9	01349	WIRE,ELECTRICAL.....
		PAFZZ	6145-C0-578-6632	H5086-2-18-y	01349	WIRE,ELECTRICAL.....
		PAFZZ	7510-00-031-7498	NDT3U	02314	TAPE,PRESSURE.....
		PAFZZ	4710-00-203-3173	WWT775-1-20JAHU3		TUBE,COPPER.....
				2WALL	01340	
		PAFZZ	4710-00-203-3171	WWT775-1-40JAHU3		TUBE,COPPER.....
				0WALL	01340	
		PAFZZ	4710-C0-203-3172	WWT775-3-80JAHU3		TUBE,COPPER.....
				2WALL	01340	
		PAFZZ	4710-C0-203-3174	WWT775-5-80JAHU3		TUBE,COPPER.....
				5WALL	01340	
		PAFZZ		WW1799TYPEUFGRMA CL2-7-0	01340	TUBE,COPPER.....







## VIEW

FIG. 5. EVAPORATOR SECTION (SHEET 3 OF 3)

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER
945-00-008-4333	2	23	5930-00-615-9367
340-00-009-0506	4	3	6210-00-683-0133
340-00-009-0506	5	53	5935-00-725-0889
720-00-009-7279	4	26	5310-00-777-6032
730-00-027-0773	3	21	5310-00-782-1349
510-00-031-7498			5930-00-786-3535
310-00-045-3296	1	13	5310-00-809-4058
310-00-045-3296	2	24	5310-00-809-4061
310-00-045-3296	4	8	5310-00-809-4061
310-00-045-3296	5	21	5310-00-809-4061
310-00-045-3299	2	29	5310-00-809-0544
310-00-045-4007	5	13	5310-00-809-0546
305-00-059-3660	2	1	5310-00-809-0546
305-00-059-3662	2	8	5310-00-809-8546
720-00-059-3701	4	23	5310-00-809-8546
330-00-063-7779	4	34	4730-00-809-9669
330-00-064-3207	4	33	4730-00-821-3037
305-00-068-0501	4	9	4730-00-821-9184
305-00-068-6534	2	19	4730-00-822-1277
340-00-070-2064	3	9	5365-00-839-0422
340-00-070-2064	5	5	4730-00-839-6380
925-00-077-8972	2	7	4730-00-839-6380
310-00-087-7493	1	3	5930-00-842-3378
310-00-087-7493	3	6	4820-00-869-3261
310-00-087-7493	4	30	4130-00-871-5633
310-00-087-7493	5	4	5310-00-877-5797
340-00-104-7581	5	30	5310-00-877-5797
310-00-141-3062	1	5	5310-00-880-5976
310-00-141-3062	4	20	4810-00-881-3005
240-00-143-3049	2	11	6340-00-905-4002
310-00-167-0767	4	29	5310-00-929-6395
710-00-203-3171			5310-00-933-8121
710-00-203-3172			5310-00-933-8121
710-00-203-3173			5310-00-934-9755
710-00-203-3174			5310-00-934-9761
306-00-225-8501	3	10	5310-00-934-9765
306-00-225-8501	5	1	5999-00-937-5824
306-00-225-8505	4	28	5310-00-959-1488
305-00-225-9081	1	10	5310-00-984-3806
305-00-247-1325	1	8	5310-00-984-3806
730-00-251-1377	3	10	5310-00-984-3806
730-00-254-6450	3	17	5310-00-984-3806
730-00-254-6450	5	42	5305-00-984-6196
730-00-263-6460	5	34	5305-00-984-7341
730-00-263-6471	5	40	5305-00-904-7341
730-00-263-6472	5	46	4730-00-909-1903
730-00-277-7922	5	36	5305-00-989-6265
325-00-282-7471	1	17	5305-00-989-7435
210-00-299-5106	2	14	5305-00-989-7435
730-00-345-1106	3	19	5305-00-989-7435
105-00-377-8115	3	7	5305-00-993-1848
999-00-383-2139	2	27	5305-00-993-1848
325-00-410-3130	1	21	5305-00-993-1848
320-00-426-4916	1	32	5305-00-993-1851
999-00-476-1037	2	25	6110-00-994-8356
340-00-497-9880	4	22	5305-00-995-3441
340-00-497-9880	5	31	6110-01-006-6035
210-00-504-1093	2	12	5310-01-009-9785
520-00-537-5965	4	27	5310-01-009-9785
305-00-543-4346	5	11	5310-01-009-9785
310-00-550-5054	1	6	5310-01-009-9785
310-00-550-5054	2	3	5325-01-021-1121
340-00-559-6128	5	29	5325-01-021-1928
145-00-570-6602			4820-01-065-2000
145-00-578-7514			4540-01-065-6359
320-00-580-9527	5	7	4130-01-068-5302
320-00-582-3522	1	19	4130-01-072-8271
310-00-582-5865	4	10	4130-01-072-8272
320-00-590-8654	4	24	4130-01-072-8321

PART NUMBER	FIG. NO.	ITEM NO.	PART NUMBER
CC330UM20	04009	2	23
C53302U20	04009	2	26
DK163S	70255	5	38
DK163S	71120	6	4

A14021	39197	5	5	MS90725-37
A36AH3	41947	4	4	MS90725-41
82-4-3C	92578	2	31	MS90725-5
CPRI35H	98437	4	26	MH2-10-3
DANIEL 5621L	70255	4	24	M5086-2-12-9
F3U	71747	1	4	M5086-2-18-9
GY5-3	22336	3	12	NC3-10
HP 8548	98437	5	15	NDT30
LCL2A	70255	4	16	NS0224
L618	70255	5	41	PDH5
MS15795-804	87531	4	15	RH3108
MS15795-806	96906	5	14	RM3154
MS15795-809	96906	2	20	SS107
MS15795-809	96906	1	6	SS196
MS21044N3	96906	2	3	SS720-20V
MS21044N3	96906	4	1	TCL E200HW100
MS21104C4	96906	5	28	VAF4
MS21105-7	96906	5	30	WHT775-1-200XR032WALL
MS21105-7	96906	4	3	WHT775-1-400XR030WALL
MS27130-20	96906	5	53	WHT775-3-800XR032WALL
MS27130-20	96906	1	12	WHT775-5-800XR035WALL
MS27130-20	96906	2	4	WHT799TYPELFORMACL2-7-8
MS27130A14	96906	4	5	W1715
MS27130A26	96906	5	17	W1717
MS27130A26	96906	2	32	W1726
MS27183-10	96906	1	5	W2022
MS27183-13	96906	4	20	W2022
MS27183-13	96906	4	11	W2312
MS27183-13	96906	1	3	W2321
MS27183-13	96906	3	6	W2326
MS27183-13	96906	6	30	W2326
MS27183-15	96906	5	4	W2334
MS27183-15	96906	3	8	W2817
MS27183-15	96906	4	14	W4000
MS27183-7	96906	5	3	W4001
MS27183-8	96906	2	30	W4006
MS27183-8	96906	1	14	W4007
MS27183-8	96906	2	22	W40350
MS3102E24-22P	96906	4	7	W4063
MS35059-21	96906	5	18	018-0018-00
MS35191-273	96906	2	18	1VP44-5-8
MS35191-273	96906	2	5	1VP44-5-8
MS35206-248	96906	4	2	14-18-150-24
MS35207-262	96906	5	37	1423-1H1
MS35207-264	96906	2	28	1601-0410
MS35207-264	96906	5	47	1601-0613
MS35207-264	96906	2	21	1620-3-3-16-2
MS35207-265	96906	4	17	20V1-1P1
MS35207-265	96906	5	20	20V1-1P2
MS35207-265	96906	1	15	20V1-1P3
MS35207-267	96906	4	6	20V1-1P4
MS35207-269	96906	5	16	20V2-1
MS35224-63	96906	5	32	20V2-101H1
MS35233-31	96906	5	54	20V2-105
MS35234-30	96906	5	27	20V2-106
MS35234-65	96906	2	19	20V2-107H1
MS35338-136	96906	5	11	20V2-108
MS35338-139	96906	1	8	20V2-108
MS35338-139	96906	2	17	20V2-108
MS35338-41	96906	1	7	20V2-108
MS35338-42	96906	2	2	20V2-109
MS35338-43	96906	5	13	20V2-110
MS35338-43	96906	2	29	20V2-2P1
MS35338-43	96906	1	13	20V2-2P5
MS35338-43	96906	2	24	20V2-2P6
MS35338-43	96906	4	8	20V2-2P7
MS35336-44	96906	5	21	20V2-2P8
MS35649-44	96906	4	10	20V2-2P9
MS35650-304	96906	2	16	20V3-2
MS35650-362	96906	2	6	20V3-7
MS51922-21	96906	5	12	20V4-1-1
MS51922-9	96906	4	13	20V5-6-2P1
MS51922-9	96906	1	2	20V5-6-2P2
MS51922-9	96906	3	5	20V5-6-2P3
MS51922-9	96906	4	32	20V5-6-2P4
MS51930-64	96906	5	2	20V5-6-2P5
	96906	2	1	20V5-6-2P6

98437	4	19	656	65003	2	11
70255	5	33	85-11-1100-16	94222	1	24
74924	5	25	85-11-980-16	94222	1	22
07700			85-34-101-17	94222	1	18
04009	2	27	85-35-295-15	94222	1	17
04009	2	25	85-46-101-39	94222	1	20
04009	2	9				



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PFC JOHN DOE

COA, 3<sup>d</sup> ENGINEER BN

FT. LEONARD WOOD MO 63101

DATE

CATION NUMBER

TM 5-4120-343-24P

DATE

13 Jun 79

TITLE

AIR CONDITIONER, 25,000  
NSN 4120-01-030-6883

ACT...PIN-POINT WHERE IT IS

	PARA- GRAPH	FIGURE NO.	TABLE NO.
	2-1 a		
	4-3		
5	line 20  P A P L V 1 4		

IN THIS SPACE TELL WHAT IS WRONG  
AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a shim. Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3000. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN.

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DATE

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TITLE

AIR CONDITIONER,  
NSN 4120-01-030

BE EXACT...PIN-POINT WHERE IT IS

PAGE  
NO.

PARA-  
GRAPH

FIGURE  
NO.

TABLE  
NO.

IN THIS SPACE TELL WHAT IS WRONG  
AND WHAT SHOULD BE DONE ABOUT IT:

TYPE NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

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**PUBLICATION NUMBER**

TM 5-4120-343-24P

DATE

13 Jun 79

**TITLE**

AIR CONDITIONER, 2  
NSN 4120-01-030-

BE EXACT...PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG  
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

**SIGN HERE:**

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FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

**PUBLICATION NUMBER**

TM 5-4120-343-24P

DATE

13 Jun 79

**TITLE**

AIR CONDITIONER  
NSN 4120-01-0

BE EXACT...PIN-POINT WHERE IT IS.

IN THIS SPACE TELL WHAT IS WRONG  
AND WHAT SHOULD BE DONE ABOUT IT:

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UNIT'S ADDRESS

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FOLD BACK

meter = 10 hectometers = 3,280.8 feet

#### Square Measure

##### Weights

igram = 10 milligrams = .16 grain  
 gram = 10 centigrams = 1.64 grains  
 n = 10 decigrams = .035 ounce  
 gram = 10 grams = .35 ounce  
 gram = 10 dekagrams = 3.52 ounces  
 gram = 10 hectograms = 2.2 pounds  
 tal = 100 kilograms = 220.46 pounds  
 ric ton = 10 quintals = 1.1 short tons

1 sq. centimeter = 100 sq. millimeters = .166 sq. inch  
 1 sq. decimenter = 100 sq. centimeters = 1.65 sq. feet  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 square yards  
 1 sq. dokameter (are) = 100 sq. meters = 1,076.4 square meters  
 1 sq. hectometer (hectaro) = 100 sq. dekameters = 107.64 square kilometers  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. miles

#### Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inches  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. feet  
 1 cu. meter = 1000 cu. decimeters = 36.31 cu. feet

## Approximate Conversion Factors

To change	To	Multiply by	To change	To
centimeters	inches	2.540	ounce-inches	newton-meters
meters	feet	.305	centimeters	inches
meters	yards	.914	meters	foot
kilometers	miles	1.609	meters	yards
square centimeters	square inches	6.451	kilometers	milos
square meters	square feet	.093	square centimeters	square inches
square meters	square yards	.836	square meters	square feet
square kilometers	square miles	2.590	square meters	square yards
square hectometers	acres	.405	square kilometers	square miles
cubic meters	cubic feet	.028	square hectometers	acres
cubic meters	cubic yards	.765	cubic meters	cubic feet
milliliters	fluid ounces	28.573	cubic meters	cubic yards
liters	pints	.473	milliliters	fluid ounces
liters	quarts	.946	liters	pints
liters	gallons	3.785	liters	quarts
grams	ounces	28.349	liters	gallons
kilograms	pounds	.454	grams	ounces
metric tons	short tons	.907	kilograms	pounds
newton-meters	newton-meters	1.365	metric tons	short tons
newton-meters	newton-meters	.11376		

## Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C